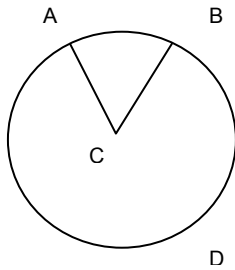


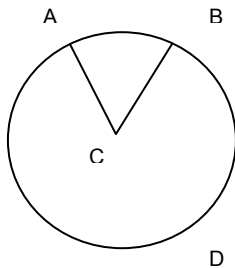
Algebra 2
Unit: Geometry
Section: Geometry of Circles

Review Worksheet

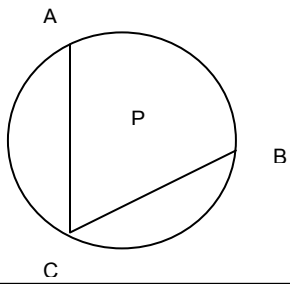
1) In circle C, Arc AB measures 34 degrees. Angle ACB measures $(3x + 7)$ degrees. Find the value of x .



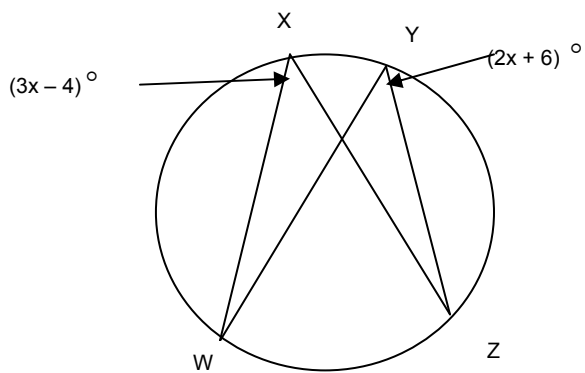
2) In circle C, Arc ADB measures 133 degrees. Angle ACB measures $5x - 7$ degrees. Find the value of x .



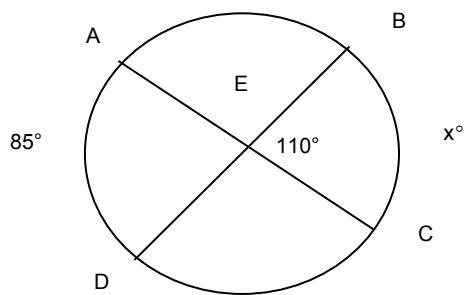
3) Angle ACB measures $3x + 1$ degrees and arc AB measures $7x - 5$ degrees. Find the value of x .



4) Find the measure of angle Y.



5) Find the value of x .



6) Find the $m\widehat{DC}$ if $m\widehat{BC}$ is equal to 27° and angle A measures 12° .

